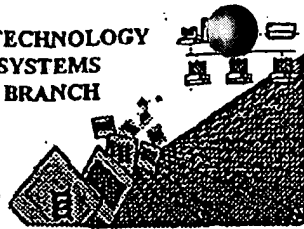


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BIOTECHNOLOGY
SYSTEMS
BRANCH



**RAW SEQUENCE LISTING
ERROR REPORT**



The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number:

10/758,329

Source:

TEWO

Date Processed by STIC:

10-5-04

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER
VERSION 4.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND
TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/cbc/cfs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 06/05/04):
U.S. Patent and Trademark Office; 220 20th Street S., Customer Window, Mail Stop Sequence, Crystal Plaza Two; Lobby, Room 1B03, Arlington, VA 22202

Revised 05/17/04

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IFWO

RAW SEQUENCE LISTING

DATE: 10/05/2004

PATENT APPLICATION: US/10/758,329

TIME: 10:44:26

Input Set : A:\ALT Sequence Listing.ST25.txt

Output Set: N:\CRF4\10052004\J758329.raw

3 <110> APPLICANT: Bondarev, Igor E.
 5 <120> TITLE OF INVENTION: MODULATION OF LINE-1 REVERSE TRANSCRIPTASE
 7 <130> FILE REFERENCE: 04-40018-US
 9 <140> CURRENT APPLICATION NUMBER: 10/758,329
 10 <141> CURRENT FILING DATE: 2004-01-15
 12 <150> PRIOR APPLICATION NUMBER: US 60/440,988
 13 <151> PRIOR FILING DATE: 2003-01-15
 15 <160> NUMBER OF SEQ ID NOS: 8
 17 <170> SOFTWARE: PatentIn version 3.2
 19 <210> SEQ ID NO: 1
 20 <211> LENGTH: 929
 21 <212> TYPE: DNA
 22 <213> ORGANISM: Artificial
 24 <220> FEATURE:
 25 <223> OTHER INFORMATION: Nucleic acid sequence
 27 <400> SEQUENCE: 1

Does Not Comply
 Corrected Diskette Needed

Please explain
 source of genetic material. (pg. 1)

Invalid Response

28 atgacaggat caacttcaca cataacaata ttaactttta atataaatgg actaaattct 60
 30 gcaattaaaa gacacagact ggcaagttgg ataaagagtc aagacccatc agtgtgctgt 120
 32 attcaggaaa cccatctcac gtgcagagac acacataggc tcaaaataaa aggatggagg 180
 34 aagatctacc aagccaatgg aaaacaaaaa aaggcagggg ttgcaatcct agtctctgat 240
 36 aaaacagact ttaaaccaac aaagatcaaa agagacaaag aaggccatta cataatggta 300
 38 aagggatcaa ttcaacaaga ggagctaact atcctaaata tttatgcacc caatacagga 360
 40 gcacccagat tcataaagca agtcctcagt gacctacaaa gagacttaga ctcccacaca 420
 42 ttaataatgg gagactttta caccctactg tcaacattag acagatcaac gagacagaaa 480
 44 gtcaacaagg atacccagga attgaactca gctctgcacc aagcagacct aatagacatc 540
 46 tacagaactc tccaccccaa atcaacagaa tatacathtt tttcagcacc acaccacacc 600
 48 tattccaaaa ttgaccacat agttggaagt aaagctctcc tcagcaaatg taaaagaaca 660
 50 gaaattataa caaactatct ctgagaccac agtgcaatca aactagaact caggattaag 720
 52 aatctcactc aaagccgctc aactacatgg aaactgaaca acctgctcct gaatgactac 780
 54 tgggtacata acgaaatgaa ggcagaaaata aagatgttct ttgaaaccaa cgagaacaaa 840
 56 gacaccacat accagaatct ctgggacgca ttcaaagcag tgtgtagagg gaaatttata 900
 58 gcactaaatg cctacaagag aaagcagga 929

61 <210> SEQ ID NO: 2
 62 <211> LENGTH: 30
 63 <212> TYPE: DNA
 64 <213> ORGANISM: Artificial
 66 <220> FEATURE:
 67 <223> OTHER INFORMATION: Oligonucleotide
 69 <400> SEQUENCE: 2
 70 ccagagattc tggatatgtg tgtctttgtt 30
 73 <210> SEQ ID NO: 3
 74 <211> LENGTH: 30
 75 <212> TYPE: DNA

↑ PLS
 see item
 #11 on
 error
 summary
 sheet.

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/758,329

DATE: 10/05/2004

TIME: 10:44:26

Input Set : A:\ALT Sequence Listing.ST25.txt

Output Set: N:\CRF4\10052004\J758329.raw

76 <213> ORGANISM: Artificial
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Oligonucleotide sequence
81 <400> SEQUENCE: 3
82 ctttctcttg taggcattta gtgctataaa 30
85 <210> SEQ ID NO: 4
86 <211> LENGTH: 30
87 <212> TYPE: DNA
88 <213> ORGANISM: Artificial
90 <220> FEATURE:
91 <223> OTHER INFORMATION: Oligonucleotide
93 <400> SEQUENCE: 4
94 ctcttgcttt tctagttctt ttaattgtga 30
97 <210> SEQ ID NO: 5
98 <211> LENGTH: 30
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Oligonucleotide
105 <400> SEQUENCE: 5
106 cttcagttct gctctgattt tagttatttc 30
109 <210> SEQ ID NO: 6
110 <211> LENGTH: 21
111 <212> TYPE: DNA
112 <213> ORGANISM: Artificial
114 <220> FEATURE:
115 <223> OTHER INFORMATION: Oligonucleotide
117 <400> SEQUENCE: 6
118 tcctgctttc tcttgtaggc a 21
121 <210> SEQ ID NO: 7
122 <211> LENGTH: 63
123 <212> TYPE: DNA
124 <213> ORGANISM: Artificial
126 <220> FEATURE:
127 <223> OTHER INFORMATION: Oligonucleotide
129 <400> SEQUENCE: 7
130 agaccatcaa gactaggaag aaactgcac aactaatgag caaaatcacc agctaacac 60
132 ata 63
135 <210> SEQ ID NO: 8
136 <211> LENGTH: 21
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Oligonucleotide
143 <400> SEQUENCE: 8
144 atgacaggat caacttcaca c 21

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/10/758,329

DATE: 10/05/2004
TIME: 10:44:27

Input Set : A:\ALT Sequence Listing.ST25.txt
Output Set: N:\CRF4\10052004\J758329.raw

valid <213> Response:

e of "Artificial" only as "<213> Organism" response is incomplete,
r 1.823(b) of New Sequence Rules. Valid response is Artificial Sequence.

q#:1,2,3,4,5,6,7,8

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/758,329

DATE: 10/05/2004

TIME: 10:44:27

Input Set : A:\ALT Sequence Listing.ST25.txt

Output Set : N:\CRF4\10052004\J758329.raw